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Sequence Listing was accepted.

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217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2009; month=12; day=7; hr=13; min=6; sec=18; ms=143; ]

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Application No: 10562746 Version No: 1.0

Input Set:

Output Set:

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Finished: 2009-11-19 13:53:05.934  
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 721 ms  
Total Warnings: 9  
Total Errors: 0  
No. of SeqIDs Defined: 9  
Actual SeqID Count: 9

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# SEQUENCE LISTING

<110> Humphreys, David P  
Heywood, Sam P

<120> Modified antibody fab fragments

<130> 07-1049-WO-US

<140> 10562746

<141> 2009-11-19

<150> PCT/GB04/002810

<151> 2004-07-01

<150> GB 0319588.0

<151> 2003-08-20

<150> GB 0315457.2

<151> 2003-07-01

<160> 9

<170> PatentIn version 3.5

<210> 1

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<212> PRT

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			20					25					30		

Phe	Pro	Glu	Pro	Val	Thr	Val	Ser	Trp	Asn	Ser	Gly	Ala	Leu	Thr	Ser
		35						40				45			

Gly	Val	His	Thr	Phe	Pro	Ala	Val	Leu	Gln	Ser	Ser	Gly	Leu	Tyr	Ser
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Leu	Ser	Ser	Val	Val	Thr	Val	Pro	Ser	Ser	Ser	Leu	Gly	Thr	Gln	Thr
65						70					75				80

Tyr	Ile	Cys	Asn	Val	Asn	His	Lys	Pro	Ser	Asn	Thr	Lys	Val	Asp	Lys
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Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu  
35 40 45

Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp  
50 55 60

Ser Thr Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr  
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Glu Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser  
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20 25 30

Pro Glu Pro Val Thr Val Thr Trp Asn Ser Gly Ser Leu Ser Ser Gly  
35 40 45

Val His Thr Phe Pro Ala Val Leu Gln Ser Asp Leu Tyr Thr Leu Ser  
50 55 60

Ser Ser Val Thr Val Pro Ser Ser Thr Trp Pro Ser Glu Thr Val Thr  
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Cys Asn Val Ala His Pro Ala Ser Ser Thr Lys Val Asp Lys Lys Ile  
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Val Pro Arg Asp Cys  
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Thr Ser Gly Gly Ala Ser Val Val Cys Phe Leu Asn Asn Phe Tyr Pro  
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Lys Asp Ile Asn Val Lys Trp Lys Ile Asp Gly Ser Glu Arg Gln Asn  
35 40 45

Gly Val Leu Asn Ser Trp Thr Asp Gln Asp Ser Lys Asp Ser Thr Tyr  
50 55 60

Ser Met Ser Ser Thr Leu Thr Leu Thr Lys Asp Glu Tyr Glu Arg His  
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Asn Ser Tyr Thr Cys Glu Ala Thr His Lys Thr Ser Thr Ser Pro Ile

Val Lys Ser Phe Asn Arg Gly Glu Cys  
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 ggactctact ccctcagcag cgtgggtgacc gtgccctcca gcagcttggg caccagacc 240  
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 cagtggaagg tggataacgc cctccaatcg ggtaactccc aggagagtgt cacagagcag 180  
 gacagcaagg acagcaccta cagcctcagc agcacctga cgctgagcaa agcagactac 240  
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aactctggat cctgtccag cgggtgtgcac accttcccgg ctgtcctgca atctgacctc	180
tacactctga gcagctcagt gactgtcccc tccagcacct ggcccagcga gaccgtcacc	240
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attgatggca gtgaacgaca aaatggcgtc ctgaacagtt ggactgatca ggacagcaaa	180
gacagcacct acagcatgag cagcaccctc acgttgacca aggacgagta tgaacgacat	240
aacagctata cctgtgaggc cactcacaag acatcaactt caccatttgt caaaagcttt	300
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<213> Artificial Sequence

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Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys	
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Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr	
20 25 30	

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser

35

40

45

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser  
50 55 60

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr  
65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys  
85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Ala Ala  
100 105 110